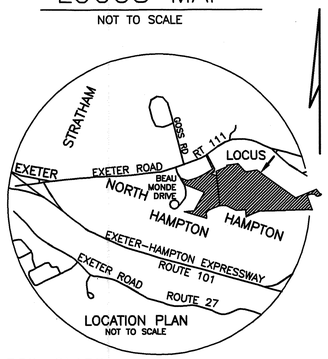
LOCUS MAP

NOT TO SCALE



LOCATION PLAN
NOT TO SCALE

SOIL CLASS: 140 CHATFIELD–HOLLIS–CANTON

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 CORNER BRICK STEP EL 115.95

#2 SET PK ELEV 115.00

#3 TOP IRON PIN ELEV 110.47

DESIGN INTENT:

1. THE BOTTOM OF THE PROPOSED DISPERSAL AREA SHALL BE CONSTRUCTED AT ELEVATION 112.5 WHICH IS APPROX 30" BELOW EXISTING GRADE EL115.0 AND 18" BELOW ORIGINAL GRADE (PER PREV APPVL) ON THE HIGH CONTOUR OF DESIGNED EDS. EL112

SUITABLE REPLACEMENT AREA:

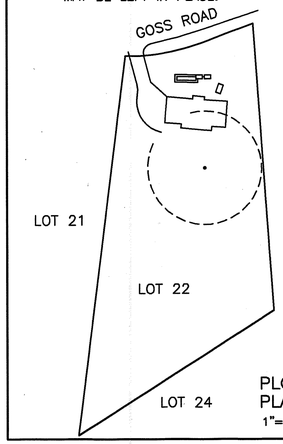
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50 — EXISTING CONTOUR
(50) — PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

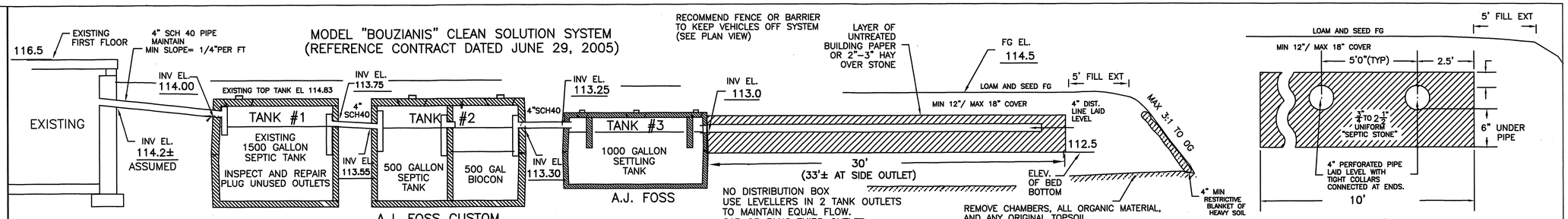
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN D16404
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: #23476
   PREVIOUS CONSTRUCTION APPVL # 204564
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.
5. EXIS LEACH FIELD LOCATION BASED ON BEST AVAILABLE EVIDENCE. REMOVE ALL COMPONENTS AND ASSOCIATED ORGANIC MATERIAL WITHIN 5' OF DISPERSAL FIELD, WITH FOLLOWING EXCEPTION: PLASTIC CHAMBERS SUPPORTING BRICK WALKWAY MAY BE LEFT IN PLACE.



PLOT PLAN
1"=APPROX 100'

MODEL "BOUZIANIS" CLEAN SOLUTION SYSTEM (REFERENCE CONTRACT DATED JUNE 29, 2005)

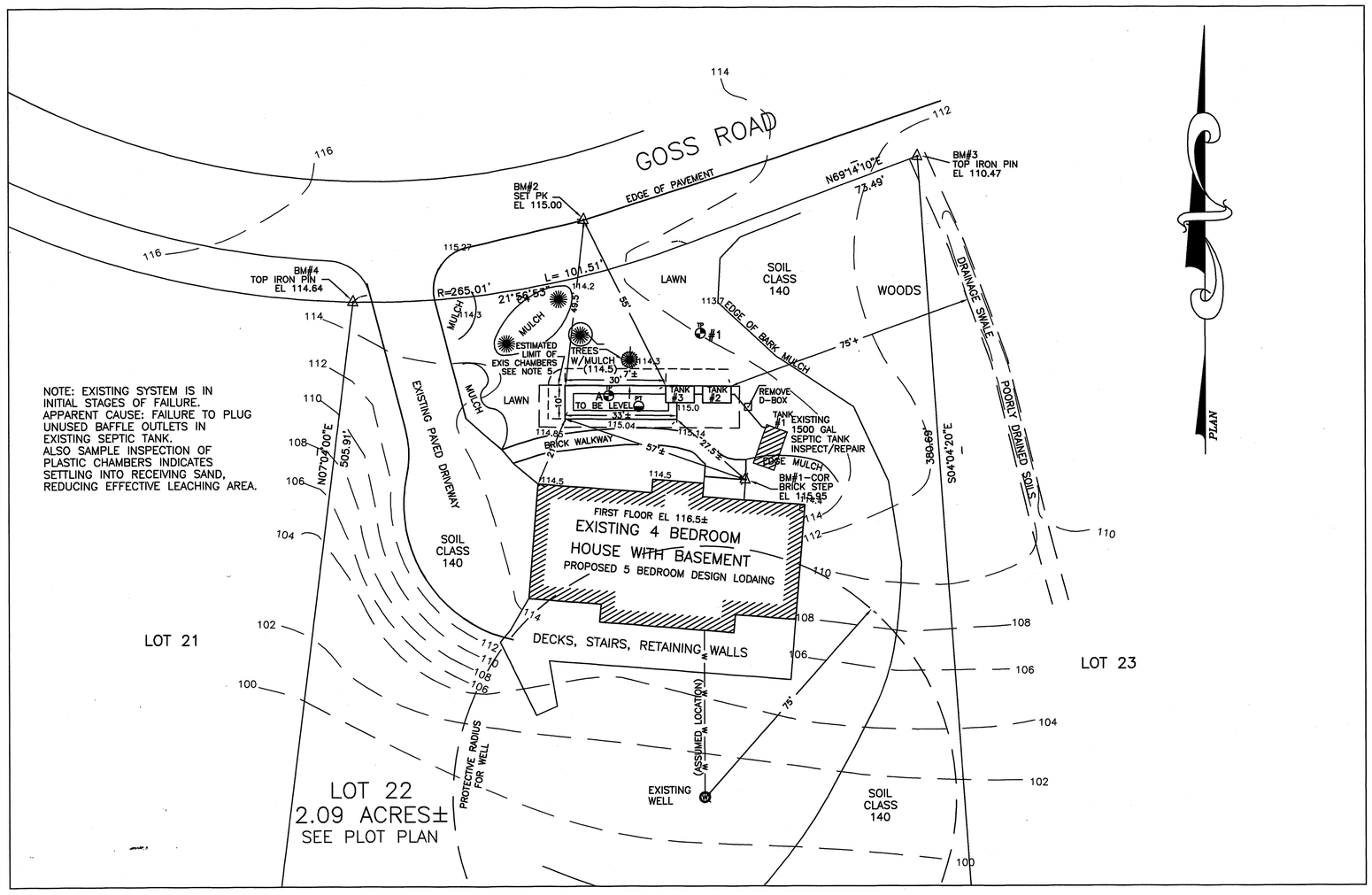

116.5
EXISTING FIRST FLOOR
4" SCH 40 PIPE MAINTAIN MIN SLOPE= 1/4"PER FT
INV EL. 114.00
EXISTING
INV EL. 114.2± ASSUMED
EXISTING TOP TANK EL 114.83
INV EL. 113.75
TANK #1
EXISTING 1500 GALLON SEPTIC TANK
INSPECT AND REPAIR PLUG UNUSED OUTLETS
4" SCH40
TANK #2
500 GALLON SEPTIC TANK
500 GAL BIOCON
INV EL 113.55
INV EL 113.30
INV EL. 113.25
4"SCH40
TANK #3
1000 GALLON SETTLING TANK
A.J. FOSS
INV EL. 113.0
RECOMMEND FENCE OR BARRIER TO KEEP VEHICLES OFF SYSTEM (SEE PLAN VIEW)
LAYER OF UNTREATED BUILDING PAPER OR 2"–3" HAY OVER STONE
FG EL. 114.5
LOAM AND SEED FG
5' FILL EXT
MIN 12"/ MAX 18" COVER
4" DIST. LINE LAID LEVEL
MAX 3:1 TO OG
112.5
30'
(33'± AT SIDE OUTLET)
ELEV. OF BED BOTTOM
4" MIN RESTRICTIVE BLANKET OF HEAVY SOIL
NO FOUNDATION DRAINS WITHIN 25' OF EXISTING SYSTEM PER PREVIOUS APPROVAL
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL
A.J. FOSS CUSTOM 2 COMPARTMENT TANK
NO DISTRIBUTION BOX
USE LEVELLERS IN 2 TANK OUTLETS TO MAINTAIN EQUAL FLOW.
CAP OR PLUG THIRD OUTLET.
REMOVE CHAMBERS, ALL ORGANIC MATERIAL, AND ANY ORIGINAL TOPSOIL.
MINIMUM 6" NEW SAND TO BE PLACED UNDER STONE BED.
RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM TO COARSE SAND (0.25–2.0MM)
5' FILL EXT
LOAM AND SEED FG
MIN 12"/ MAX 18" COVER
5'0"(TYP)
2.5'
¾" TO 2½" UNIFORM "SEPTIC STONE"
6" UNDER PIPE
4" PERFORATED PIPE LAID LEVEL WITH TIGHT COLLARS CONNECTED AT ENDS.
10'

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

ALL SPECIFICATIONS AND RESPONSIBILITIES OUTLINED IN THE CLEAN SOLUTION MANUAL ARE A PART OF THIS DESIGN. MAINTENANCE CONTRACT MUST BE EXECUTED PRIOR TO INSTALLATION.

WASTEWATER ALTERNATIVES, INC,
TECHNOLOGY DEVELOPED BY:
HAROLD DAVIS
37 CHAMPNEY STREET
GROTON, MA 01450
978 448–2415

PLAN : 1"=20'



TEST PIT DATA

TEST PIT # 1 DATED 6/7/05
TOWN INSPECTOR: RICHARD BOND (RCCD)

TEST PIT A TAKEN FROM PREVIOUS SEPTIC DESIGN #204564

TEST PIT #1 ELEV 114.0
TOWN INSPECTOR: RICHARD BOND

0 –8"	10YR3/4 FINE SANDY LOAM, GRANULAR FRIABLE
8 –21"	2.5Y5/3 MIXED FILL, FINE SANDY LOAM, GRAN FRI.
21–24"	ORIGINAL TOPSOIL & ROOT MAT
24–44"	10YR5/6 FINE SANDY LOAM, GRANULAR FRIABLE
44–84"	2.5Y5/4 VERY FINE SANDY LOAM, MOIST FRIABLE

ESHWT @ 44" MOTTLES, GOOD ROOTS TO 44"+
NO OBSERVED WATER, NO REFUSAL

TEST PIT A FROM PREVIOUS APPROVED PLAN #204564 ELEV 111 PER PLAN

0 –4"	10YR3/2 LOAMY SAND, GRANULAR FRIABLE
4 –36"	10YR5/6 FINE SANDY LOAM, GRANULAR FRIABLE
36–7'	10YR5/4 SANDY LOAM, MASSIVE & FRIABLE

ESHWT @ 36", MOTTLES @ 36"
NO WATER OR LEDGE

PERC TEST DATA

PERC RATE: 8 MIN/IN @ 30" DEPTH
DATE: 5/20/94 (BY OTHERS)

DESIGN LOADING: 5 BEDROOMS

AREA REQUIRED: PER CLEAN SOLUTION SPECIFICATIONS: 200 SF DISPERSAL FIELD REQUIRED

AREA PROPOSED: 313 SF DISPERSAL AREA PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL #204564

LOCUS: 14 GOSS ROAD
NORTH HAMPTON, NH

OWNER: MELISSA BOUZIANIS REVOCABLE TRUST OF 1999
MELISSA BOUZIANIS, TRUSTEE
14 GOSS ROAD
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems — Ann W. Bialobrzeski No. 348 — Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: JUNE 22, 2005

APPROVAL: CA2005073600

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 - TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.